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A New Andrena from California

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Cockerell, T. D. A.
A new *Andrena* from California

1901

A New *Andrena* from California.

By T. D. A. COCKERELL.

Andrena knuthiana n. sp.—♀ about 8½ mm. long, ♂ about 8 mm.; black with pale pubescence; face black in both sexes. Its place in the genus may be understood by the following table:

Abdomen partly or wholly rufous	<i>erythrogastra, mariæ</i> , etc.
Abdomen black or dark brown, at most pale-banded	1.
1. Pubescence black	<i>nigerrima, porteræ, nigra</i> .
Pubescence at least partly pale	2.
2. Face partly yellow or white. <i>pulchella, aliciarum, cressoni</i> , etc. (males.)	
Face wholly black, at least in ♀ (<i>pulchella</i> alone has light-face marks in the ♀.)	3.
3. Pubescence of thorax bright ferruginous, wings very dark at apex.	<i>vulpicolar</i> .
Not so	4.
4. Hair at apex of ♀ abdomen black or nearly so	5.
Hair at apex of ♀ abdomen pale	<i>kincaidii, helianthi</i> , etc., etc.
5. Pubescence of thoracic dorsum bright ferruginous. <i>halli, chromotricha</i> .	
Pubescence of thoracic dorsum not ferruginous*	6.
6. Abdomen black without hair-bands	<i>vicinia, errans</i> .
Abdomen with interrupted hair-bands	7.
Abdomen with continuous bands on all the segments.	<i>americana, electrica, apacheorum</i> .
7. Abdomen very distinctly punctate	<i>prunifloris</i> .
Abdomen tessellate and hardly or not punctate	8.
8. Basal process of labrum in ♀ long, rounded, shaped like the end of a finger; hair of thoracic dorsum strongly tinged with ferruginous.	<i>macgillivrayi</i> .
Basal process of labrum in ♀ broad, truncate-emarginate; hair of thoracic dorsum brownish-white; nervures piceous, stigma pale brown marginal with piceous; ♂ antennæ wholly black. <i>knuthiana</i> , n. sp.	

The hair at the apex of the abdomen in *A. knuthiana* is sooty, a kind of dark purplish-grey. The insect was collected by the late Dr. Paul Knuth at Berkeley, Cal., Oct. 6, 1899; the ♂ frequented flowers of *Daucus carota*. The specimens were sent to by Mr. Alfken, to whom I transmitted a description, which will, I suppose, be published in the last volume of "Blütenbiologie." It seems desirable, however, to indicate the affinities of the species in an American journal.

* However, in *macgillivrayi*, it is really a sort of pale ferruginous; in *fimbriata (americana)* it is yellow.

